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What is claimed is:

1. An apparatus for controlling a bank refresh including a plurality of banks, comprising:

a plurality of input buffer means for buffering bank address signals inputted from an external circuit with the command signal;

a counter for producing count signals, being reset by an output signals from the N input buffer means;

a switch means for combining the count signals from the counter in order to produce internal bank refresh signals in response to bank address signals from the N buffer means; and

a chipset control means for generating a plurality of internal bank addresses for the refresh using the internal bank refresh signals.

- 2. The apparatus as recited in claim 1, wherein the number of the plurality of banks is 2^N, the number of the plurality of input buffer means is N and the counter is (N-1)-nary.
- 3. The apparatus as recited in claim 2, wherein the N input buffer means includes a latch means for sustaining the output signals of the N input buffer means within a certain period of time only when the refresh command signals are applied.
 - 4. The apparatus as recited in claim 2, wherein the (N-1)-nary counter is reset by a logic combination of the bank address signals.

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- 5. A method for controlling a bank refresh including 2^N of banks, comprising the steps of:
- a) buffering N bank address signals inputted from the external circuit with the refresh command signals;
- b) outputting the (N-1)-nary count signal in sequence by resetting at least one of N buffered signals;
- c) switching and outputting unit of N-1 count signals to the bank refresh combination signals in response to the N buffered signals; and
- d) generating an internal bank address for the refresh using the bank refresh combination signals.